

Title (en)  
PHARMACEUTICAL COMPOSITION FOR PREVENTING OR TREATING DEMENTIA AND IMPROVING COGNITIVE FUNCTION, COMPRISING GLASSWORT EXTRACT

Title (de)  
PHARMAZEUTISCHE ZUSAMMENSETZUNG ZUR PRÄVENTION ODER BEHANDLUNG VON DEMENZ UND ZUR VERBESSERUNG DER KOGNITIVEN FUNKTION MIT QUELLEREXTRAKT

Title (fr)  
COMPOSITION PHARMACEUTIQUE POUR LA PRÉVENTION OU LE TRAITEMENT DE LA DÉMENCE ET L'AMÉLIORATION DE LA FONCTION COGNITIVE, COMPRENANT UN EXTRAIT DE SALICORNE

Publication  
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Application  
**EP 18802179 A 20180514**

Priority  
• KR 20170059906 A 20170515  
• KR 2018005502 W 20180514

Abstract (en)  
[origin: EP3461486A1] The present invention relates to a pharmaceutical composition comprising an acanthoside B compound as an effective ingredient for preventing or treating dementia or for improving a cognitive function. In the present invention, a desalted glasswort extract, and acanthoside B, which is isolated from the extract and acts as an effective ingredient inhibitory of acetylcholine esterase, were found to have an excellent neuroprotective activity through the inhibition of neuroinflammation and to improve memory retention and remarkably enhance spatial cognitive ability as measured by passive avoidance test and Y-maze test in a scopolamine-induced amnesic animal model. The acanthoside B or glasswort extract of the present invention can be applied to a pharmaceutical composition.

IPC 8 full level  
**A61K 36/21** (2006.01); **A23K 20/121** (2016.01); **A23L 33/10** (2016.01); **A23L 33/105** (2016.01); **A61K 31/7048** (2006.01); **C07H 1/06** (2006.01); **C07H 15/26** (2006.01)

CPC (source: EP KR US)  
**A23K 20/121** (2016.05 - EP KR US); **A23L 33/10** (2016.07 - EP KR US); **A23L 33/105** (2016.07 - EP KR US); **A61K 31/34** (2013.01 - KR US); **A61K 31/7034** (2013.01 - KR US); **A61K 31/7048** (2013.01 - EP); **A61K 36/21** (2013.01 - EP KR US); **A61P 25/28** (2017.12 - EP US); **C07H 1/06** (2013.01 - EP US); **C07H 15/26** (2013.01 - EP US); **A23V 2002/00** (2013.01 - KR); **A23V 2200/322** (2013.01 - KR)

Citation (search report)  
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• [A] QIU-LING FAN ET AL: "Iridoid glycosides and glycosidic constituents from Benth", PHYTOCHEMISTRY, vol. 72, no. 14, 23 May 2011 (2011-05-23), pages 1927 - 1932, XP028256731, ISSN: 0031-9422, [retrieved on 20110504], DOI: 10.1016/J.PHYTOCHEM.2011.04.019  
• See references of WO 2018212531A1

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**EP 18802179 A 20180514**; KR 20170059906 A 20170515; KR 2018005502 W 20180514; US 201816304585 A 20180514; US 202017003576 A 20200826